

## ABSTRACT OF THE DISCLOSURE

A two-purpose wireless hand-free earphone set for use in driving includes a transceiver adapted for detachably connecting to a mobile phone, a hand-free earphone adapted for wearing on one ear to receive and send voice-frequency signals from and to said transceiver, and a speaker seat adapted for mounting at a predetermined position in a car to removably hold the hand-free earphone thereto. When the hand-free earphone is positioned on the speaker seat, the voice-frequency signals are switched to and sent out via the speaker seat. With the speaker seat, a user in driving is allowed to talk freely without the need of always wearing the hand-free earphone on one ear, so that any discomfort of the ear caused by wearing the hand-free earphone for a prolonged time is avoided.